

Converting Colors

CIELCh(24, 51.868, 26.363)

Have a look what the booklet for
CIELCh(24, 51.868, 26.363) contains.

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Color

CIELCh(24, 51.826, 26.698)

Conversions

Conversions Part 1

Format	Color
Hex	780119
RGB	120, 1, 25
RGB Percent	47%, 0%, 10%
CMY	0.5288, 0.9952, 0.9016
CMYK	0.00, 0.99, 0.79, 0.53
HSL	348°, 98%, 24%
HSV	348°, 99%, 47%
XYZ	7.9554, 4.1002, 1.2974
YIQ	39.3170, 63.2200, 32.6920

Conversions

Conversions Part 2

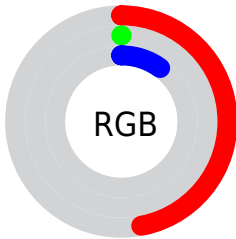
Format	Color
RYB	120, 1, 25
Decimal	7864601
CIELab	24.00, 46.30, 23.28
CIELCh	24, 51.826, 26.698
Yxy	4.1002, 0.5958, 0.3071
Android (android.graphics.Color)	4286054681 (0xFF780119)
YUV	39.3170, -7.0583, 70.7590
Hunter-Lab	20.2490, 34.6931, 10.3755

Details

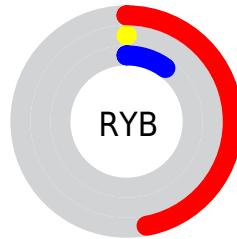
The CIELCh color **24, 51.826, 26.698** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **45, 35.172, 171.670**, and the grayscale version is **16, 0.003, 296.813**.

A 20% lighter version of the original color is **44, 51.967, 26.525**, and **9, 33.023, 26.881** is the 20% darker color. If you saturate the color by 10%, you get **24, 52.255, 27.116**, and if you desaturate by 10%, it is **25, 47.830, 22.165**.

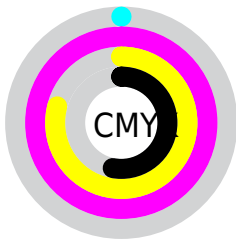
Distribution



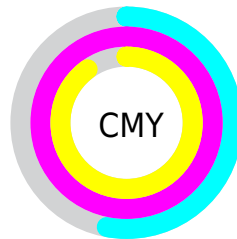
- Red (47%)
- Green (0%)
- Blue (10%)



- Red (47%)
- Yellow (0%)
- Blue (10%)



- Cyan (0%)
- Magenta (99%)
- Yellow (79%)
- Black (53%)



- Cyan (53%)
- Magenta (100%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 24, 51.826, 26.698 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 24, 51.826, 26.698 by changing the saturation by 10% instead.

 24, 51.826, 26.698

 24, 51.826, 26.698

 100, 51.826,
26.698

 14, 51.826, 26.698

 44, 51.826, 26.698

 4, 51.826, 26.698

 54, 51.826, 26.698

 0, 51.826, 26.698

 64, 51.826, 26.698

 74, 51.826, 26.698

 84, 51.826, 26.698

 94, 51.826, 26.698

 24, 51.826, 26.698

 24, 51.826, 26.698

■ 24, 52.255, 27.116

■ 25, 47.830, 22.165

■ 26, 43.514, 17.922

■ 28, 38.561, 14.450

■ 31, 33.102, 11.671

■ 34, 27.338, 9.453

■ 37, 21.474, 7.666

■ 40, 15.670, 6.202

■ 44, 10.036, 4.979

■ 47, 4.634, 3.914

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



24, 51.826, 26.698



45, 35.172, 171.670

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



24, 51.826, 26.698



24, 51.826, 76.698



24, 51.826, 206.698



24, 51.826, 256.698

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



24, 51.824, 26.700



51, 20.110, 6.439



23, 67.264, 320.423



25, 13.919, 6.923



83, 0.010, 296.813



34, 0.005, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



24, 51.824, 26.700



32, 63.776, 28.597



27, 52.587, 47.102



24, 2.951, 3.924



25, 53.852, 27.365



53, 93.119, 30.530

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



24, 51.824, 26.700



32, 63.776, 28.597



34, 26.822, 250.509



24, 2.951, 3.924



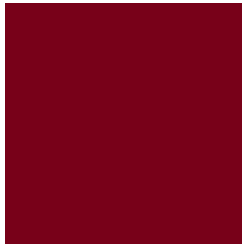
25, 53.852, 27.365



53, 93.119, 30.530

Previews

White Background



This preview shows how the CIELCh color 24, 51.826, 26.698 looks on a white background.

Color Contrast Check

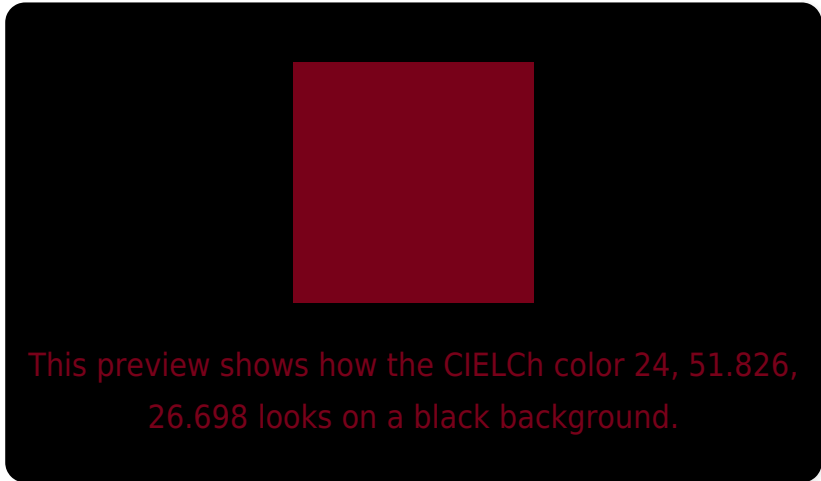
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

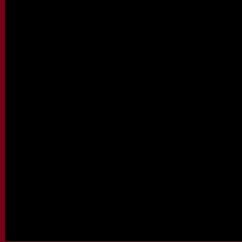
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 24, 51.826, 26.698

Background



This preview shows how black text looks on a background with the CIELCh color 24, 51.826, 26.698.



This preview shows how white text looks on a background with the CIELCh color 24, 51.826, 26.698.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

24, 51.826, 26.698

Protanopia

26, 14.473, 97.106

Deuteranopia

26, 27.618, 83.869



Tritanopia
24, 56.322, 39.146

Trichromacy



Original Color
24, 51.826, 26.698

Protanomaly
22, 25.130, 32.350

Deuteranomaly
22, 33.377, 44.050

Tritanomaly
24, 54.974, 35.697

Monochromacy



Original Color
24, 51.826, 26.698

Achromatopsia
16, 0.003, 296.813

Achromatomaly
16, 22.102, 10.737

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 24, 51.826, 26.698 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(120, 1, 25)` looks like.

```
.text, #text, p{  
    color:rgb(120, 1, 25)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(120, 1, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 1, 25) }
```

Border

The CSS property to change the border of an element to CIELCh 24, 51.826, 26.698 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(120, 1, 25) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(120, 1, 25) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(120, 1, 25)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 1, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 1, 25);  
box-shadow:4px 4px 4px 4px rgb(120, 1, 25)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 24, 51.826, 26.698 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 1, 25) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(120, 1,  
25) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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